

In December of 1999, the FCC approved a Special Temporary Authority (STA) to operate a 1000-watt Radio Teletype (RTTY) Broadcast Station on 6994 kHz and 13972 kHz using the call sign WA9XHN. This STA was renewed and continued to operate as WC2XPF. The non-profit broadcast transmitter operated daily until the STA expired. The experiment was and is considered a success with all those receiving the data. All data recipients give the experiment the highest level of approvals.

FCC Docket RM-10765 provides for a distributed Homeland Security emergency data broadcast capability. It supports our nation's goal for improving Homeland Security as well as providing leadership in evaluating and deploying new communications capabilities. Data broadcast (or widecast) signals are robust in nature and ensure that public health and safety services have effective communications services available to them in the event of emergencies.

RM-10765 provides for reliable, interoperable communications broadcasts using lower power digital data broadcast stations in different parts of the country. This readily available technology is not proprietary and is inexpensive to deploy.

RM-10765 would provide the data recipients the capability to use public domain software to decode multiple channel transmissions. Several modes are provided for, utilizing the same bandwidth as a standard voice channel. The technology is simple, as the recipient requires only an HF receiver and a device for demodulating and viewing the transmission. The equipment can take the form of application specific hardware or the use of a basic personal computer equipped with sound capability and application specific software.

RM-10765 provides for a regional approach to HF data broadcasting. In a disaster, it's low power; narrow bandwidth transmission techniques can be used to transmit necessary data reliably to emergency personnel, government agents as well as the general public.

I ask the FCC to support this important technology and approve Docket RM-10765.

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